

This is a copy of my work map for the area. It is a copy of a portion of the U.S.G.S. La Plata Quadrangle of New Mexico.

It shows portions of Townships 31 and 32 North, Range 13 West. The subject well is located in the western-most column of sections, and is highlighted in pink.

I have plotted the Fruitland Coal gas wells drilled in this area by the Texakoma Oil & Gas Corporation. There are also some abandoned wells plotted to the west of the Texakoma wells. These were oil well attempts drilled to the Gallup and/or Dakota formations.

Highlighted in yellow are ridge lines that are the more competent, sandstone beds of the Fruitland formation that are exposed by the tilting due to the subsidence of the San Juan Basin and/or the Ute Dome uplift. The surface features of Ute Dome start in sections 31 and 6 in the upper-left corner of this exhibit and extend about four miles to the west.

This exhibit is presented to show the nearness of the Texakoma La Plata 18 #1 well to the Fruitland Coal outcrop to the west.

The La Plata Mine is a strip-mine operation to supply coal for a power plant at Kirtland, New Mexico, about 10 miles west of Farmington. Their main operation in this area is in the south-central portion of Township 32 North, Range 13 West east of the La Plata River. I have shown where their haul road crosses the area of interest.

PLATE 4  
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